

Brookhaven National Laboratory National Synchrotron Light Source	NSLS Operations Response to Oxygen Deficiency Hazard - Procedure and Meter Operations Checklist
<i>NSLS course: LS-OPS-ODHRESP</i>	Rev. 7-15-2002

Bacharach Canary Model Portable Oxygen Meter Operation Review : This checklist will be used to verify that the trainee understands the correct operation and use of the Bacharach Canary portable oxygen meter. Each box will be checked to verify that the trainee understands that section.

- ☐ 1. Turns switch to **TEST** position.
- ☐ 2. Verifies LED flashes **RED**, and audible alarm sounds.
- ☐ 3. Checks digital display to verify displayed number is **above 40**.
- ☐ 4. Turns switch to the **GAS** position, verifying LED is now flashing **GREEN**.
- ☐ 5. Exhales over sensor port, and checks that LED now flashes **RED**, and audible alarm sounds.
- ☐ 6. Allows meter to reset back to flashing **GREEN** LED, no audible condition.
- ☐ 7. Checks digital display, display should show between **20.8%** and **21.0%** in normal air. Is shown the potentiometer for adjustment of the read out.
- ☐ 8. Understands that if the display cannot be adjusted to show between **20.8%** and **21%** that the sensor must be replaced and the instrument cannot be used.
- ☐ 9. Understands meter alarms at **19%** for oxygen deficient atmospheres.
- ☐ 10. Understands meter alarms at **23%** for oxygen enriched atmospheres.
- ☐ 11. Turns switch back to **OFF** position.

Procedure: I certify that I have read and understand the document "Operations Response to Oxygen Deficiency Hazard, LS-OPS-0049".

Name (Printed)

Signature

Life Number

Trainer Signature

Date